

IN THE SPECIFICATION

Page 1, lines 5-11, please amend the paragraph as follows:

The invention relates to the field of identification connectors as used in particular in airplane engines for parameterizing ~~the~~an engine controller. The invention relates more particularly to an appliance for reading the contents of such connectors prior to fitting the engine to the airplane. The invention can be used by an operator to verify the programming of modifiable fields.

Page 1, lines 14-21, please amend the paragraph as follows:

At present, in the aviation industry, in order to obtain better control over the costs of developing and manufacturing engines, a "basic" engine is designed from which families and versions of specific engines are derived. Similarly, the manufacturers of controllers have defined a single type of controller ~~per~~for a basic engine, which controller is capable of functioning with the engine families and versions derived therefrom.

Page 2, lines 28-35, please amend the paragraph as follows:

Prior to fitting the engine under the wing of an airplane, the operation of reading the identification connector serves to ensure that the engine has the right characteristics. Thus, it is possible to monitor the decisions that have been made on the basis of the ~~engine~~engine control book and avoid fitting a ~~the~~ wrong engine which would be unacceptable given the downtime and cost that that represents.

Page 6, lines 15-31, please amend the paragraph as follows:

Figure 1 shows a perspective view of a reader appliance 1 in accordance with the invention for reading identification connectors, ~~the appliance being shown from beside its top~~

faee. The reader appliance 1 comprises a box 2 carrying two buttons 4 and 5 and a display 3 such as a liquid crystal display (LCD) screen, for example. The buttons 4 and 5 serve as control means made available to the operator for displaying information on the display 3. The box 2 also carries two connectors 10 and 20 for receiving and being fitted with identification connectors 100. Since the reader appliance of the invention is portable, the box 2 also carries independent power supply means, for example four 1.5 volt batteries which are housed in a drawer 6 inside the box 2. In a variant, the drawer 6 may constitute a housing for a rechargeable battery. In which case, the drawer 6 may include means for connection to a battery charger.

ABSTRACT OF THE DISCLOSURE

Please replace the original abstract with the new abstract as shown on the following page:

ABSTRACT OF THE DISCLOSURE

In order to enable the information contained in an identification connector to be read in a manner that is more reliable, faster, and without risk of damage, the invention provides a reader appliance for reading identification connectors for airplane engines, the connector including a plurality of contacts connected to a decoding circuit, each contact corresponding to a binary digit, one or more of the binary digits corresponding to information relating to characteristics of the engine. The reader appliance includes a connection device suitable for receiving at least one identification connector, the connection device being connected to a processor device responding to control members in order to display on a display device the information contained in the connector.

IN THE CLAIMS

Please amend the claims as follows:

1. (Original) A reader appliance for reading identification connectors for airplane engines, said connector comprising a plurality of contacts connected to a decoding circuit, each contact corresponding to a binary digit, one or more of said binary digits corresponding to information relating to characteristics of the engine,

the appliance including connection means suitable for receiving at least one identification connector, said connection means being connected to processor means responding to control members in order to display on a display device the information contained in the connector.

2. (Original) An appliance according to claim 1, wherein the processor means include software means for decoding information relating to characteristics of the engine from the binary data read in the identification connector.

3. (Original) An appliance according to claim 1, wherein the control members comprise at least one button for causing information encoded in the identification connector connected to the reader appliance to be displayed, successive items of information being displayed in response to successive presses on said button.

4. (Original) An appliance according to claim 1, wherein the control members comprise software means enabling information to be displayed automatically.

5. (Original) An appliance according to claim 1, wherein the identification connector is a multipin connector, and wherein the connection means of said appliance comprise at least one multipin connector suitable for receiving said identification connector.

6. (Original) An appliance according to claim 1, wherein the connection means comprise at least one connector for receiving respectively at least one specific model of identification connector.

7. (Original) An appliance according to claim 1, wherein the processor means include software means for detecting the model of identification connector that is connected to the appliance.

8. (Original) An appliance according to claim 1, wherein the processor means include software means for testing the parity of the encoding circuit of the identification connector.

9. (Original) An appliance according to claim 1, including at least one protection connector containing an autotest circuit.

10. (Original) An appliance according to claim 9, wherein the processor means include software means for testing said reader appliance from the autotest circuit of the protection connector.

11. (Original) An appliance according to claim 10, wherein the control members include at least one button for causing the result of the test of the reader appliance to be displayed.

12. (Original) An appliance according to claim 10, wherein the control members include software means for automatically causing the result of the test of the reader appliance to be displayed.

13. (Original) An appliance according to claim 1, including means for updating the processor means.

14. (Original) An appliance according to claim 1, including self-contained power supply means.

15. (New) An appliance configured to read an identification connector of an airplane engine, the connector comprising a plurality of contacts connected to a decoding circuit containing a plurality of information about the engine, the appliance comprising:

an identification connector receiver;

a processor connected to the identification connector receiver, the processor being configured to decode the plurality of engine information contained in the decoding circuit of the identification connector;

a control device configured to specify which information from the plurality is decoded by the processor; and

a display unit configured to display at least one of the plurality of information about the engine decoded by the processor.

16. (New) The appliance according to claim 15, wherein the processor is further configured to identify a model of the identification connector and to decode the plurality of

engine information contained in the decoding circuit of the identification connector based on the identified model of the identification connector.

17. (New) The appliance according to claim 15, further comprising:
a self test button configured to initiate a self test of the processor.

18. (New) The appliance according to claim 15, wherein the processor is further configured to automatically decode the plurality of information sequentially and the display is configured to display the plurality of information decoded by the processor.

19. (New) The appliance according to claim 15, wherein the appliance is portable and the identification connector is removable from the engine.

20. (New) The appliance according to claim 1, wherein the appliance is portable and the identification connector is removable from the engine.

21. (New) The appliance according to claim 17, further comprising:
a self test connector configured to be connected to the identification connector receiver when performing a self test of the appliance.

22. (New) The appliance according to claim 15, further comprising:
a link unit connected to the processor, the link unit being configured to update the processor.

23. (New) The appliance according to claim 22, wherein the link unit is a serial RS232 port.

24. (New) The appliance according to claim 15, further comprising:
an input/output interface connecting the identification connector to the processor via a bus.

25. (New) The appliance according to claim 24, wherein the input/output interface is a diode matrix.